



Cedar Point II Wind Power Project

Community Liaison Committee (CLC) Meeting #6

- Date:** April 12, 2018
- Location:** Forest Legion – 58 Albert St., Forest, ON N0N 1J0
- Time:** 6:30 – 8:30 p.m.
- Attendance:** Eight community members, in addition to staff and CLC members
- CLC Members:** Sandra deJong, Monica Douglas, Ed Vanderaa, Joseph Zanyk, Joanne Moore
- NextEra Energy Canada:** Akhil Chhabra, Business Management
Tara Tyson, Communications
Bryan Garner, Communications
Jason Seelmann, Claims
Jamie Long, Claims
Dennis Desloges, Wind Operations
Derek Dudek, Environmental Services
- Aercoustics:** Allan Munro, Acoustician
- NRSI:** Charlotte Teat, Terrestrial and Wetland Biologist
- Facilitated by:** Curt Hammond, Chief Listening Officer, Pearl Street Communications
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Welcome, Agenda and Goals

- Welcome: agenda, team introductions, goals and commitments
- Cedar Point II Wind Project Update
 - 2017 sale to Fiera Infrastructure
 - Tree removal investigation and monitoring
- Monitoring Updates
 - Bird and bat
 - Sound monitoring
- Community Benefits Grant
- Contacts / inquiries
- Thank you and closing



Introductions

The facilitator welcomed everyone to the sixth Cedar Point II Wind Community Liaison Committee meeting. The facilitator provided an overview of the purpose of the CLC, commitment of members of the CLC and community to the engagement process and rules of engagement for the meeting.

The intent of the CLC is to be a forum for the exchange of information between NextEra Energy Canada and representatives from the project community. The facilitator noted that the group also agreed that respecting everyone's time and engaging respectfully are shared values of CLC members and the community.

The facilitator provided a brief summary of the agenda. Introductions to the project staff, consultants, presenters and CLC members were provided.

Cedar Point II Wind Project Update

Akhil Chhabra, NextEra Energy Canada Business Manager introduced NextEra Energy Canada by explaining company facts and corporate values. He also provided an explanation on the sale of 50 percent of the project from Suncor to Fiera Infrastructure and how NextEra Energy Canada's stake and ownership of the project has not changed.

- ❖ Question: Member of the community asked about NextEra Energy Canada's sale of assets to the Canadian Pension Plan?
 - Answer: That transaction does not impact the Cedar Point II Wind project.

Derek Dudek, NextEra Energy Canada Environmental Services representative discussed the progress of tree replanting and remediation, which was previously discussed at CLC meetings. He explained that the 2016 and 2017 monitoring was successful and that there were no required additional plantings, and that additional monitoring will be undertaken in 2018.

Monitoring Updates – Birds and Bats

Charlotte Teat, terrestrial and wetlands biologist from Natural Resource Solutions, Inc. (NRSI) discussed bird and bat monitoring process and the results. She noted that thresholds for birds, bats and raptors were not exceeded in 2017.

- ❖ Question: (member of community) How many actual birds were killed?
 - Answer: The project did not exceed the REA and MNRF guidelines in 2017. The monitoring identified 52 birds and 52 bat mortalities.
- ❖ Question: (member of community) How many raptors were injured?



- Answer: There were no raptor injuries at Cedar Point II Wind in 2017.
- ❖ Question: (member of community) If an injured bird or bat was discovered, what would you do?
 - Answer: We would take them to an animal rehabilitation center.
- ❖ Question: (Joe Zanyk, CLC member) I hear that animal rehab centers are seeing a large number of injured birds. Have you checked to see how that corresponds with your numbers?
 - Answer: If the injuries did not occur within the monitoring radius (50 meter) it is difficult to associate with the turbines.

Joe Zanyk, CLC member, expressed concern that company is under-reporting the impact of bird injuries because injured birds may migrate beyond the 50 meter radius of bird monitoring.

Joanne Monroe, CLC member, expressed concern that the monitoring timeline is not realistic, that migratory birds should be logged in February, March and April – not May. She also expressed concern that the 50 meter radius determined by MNR is not sufficient.

A member of community echoed concern that monitoring radius is not sufficient.

- ❖ Question: (member of community) were any of the bat deaths little brown bats?
 - Answer: The report for species at risk mortalities goes to the Ministry of Natural Resources and Forestry and they are the ones to release the data due to sensitivity about species at risk information.
- ❖ Question: (member of community) How can you tell if a decrease in raptor population isn't due to the fact that raptors have been killed off?
 - Answer: We are conducting two year study to determine impact of migration patterns and impact over time due to past mortality exceedances at the project.
- ❖ Question: (Joanne Moore, CLC member) Is there a particular turbine where there are more bird mortality issues than others?
 - Answer: No. We are studying data and comparing 2016 and 2017 data to see if there are any patterns.



- ❖ Question: (Joe Zanyk, CLC member) are you satisfied with the standards of the survey?
 - Answer: We conducted a 90 meter radius survey at another project that had larger turbines and did not determine a greater impact beyond the 50 meter radius that is being searched for this project.

- ❖ Question: (member of community) Do you search every turbine? How often?
 - Answer: At least once monthly. We also search a representative sub sample of the project twice weekly as required by MNRF.

- ❖ Question: (member of community) Any plans to mitigate damage by altering the cut in speed to 5 m/per second?
 - Answer: No plans to change the cut in speed standard. And to answer Joe's question we'll follow up with the nearby raptor rehabilitation centres to get more information.

Monitoring Updates – Sound

Allan Munro, Aercoustics acoustician provided an update on sound monitoring explaining that all audits – immission, emission, transformer substation – have been completed.

- ❖ Question: (member of community) How many turbines in total?
 - Answer: We measured five different receptors for the immission audits.

- ❖ Question: (member of community) Were they the same locations for both measurement campaigns?
 - Answer: Yes.

- ❖ Question: Was that analysis done according to the IEEE protocol?
 - Answer: Yes

- ❖ Question: (Joe Zanyk, CLC member) Were you involved in any testing of people who complained about noise?



- Answer: We received complaints, only two actually related to noise, since we took over the process from Suncor. We investigate to make sure the turbine is operating as it should be. Beyond that, we rely on these points to ensure they are compliant with the sound levels.

- ❖ Question: (Joe Zanyk, CLC member) We had a number of complaints about sound at the last CLC meeting and I'm surprised you're not following up on complaints.

- Answer: We do follow up on every complaint according to the MOECC's complaint protocol.

- ❖ Question: (member of community) Does anyone go out to the sites if you have a particularly strong windy day or a storm to see what the noise is going to be like? Or do you simply wait until it's not so bad and go out and listen?

- Answer: We try to get out to the site as soon as a complaint is received. However there's a process in place for people to gain access to equipment from MOECC so they can identify times when the noise is a problem for them. The protocol has been around since 2011 and was updated in April 2017. NextEra Energy Canada is only notified when MOECC has evaluated results and suspects there's a non-compliance issue.

Community Benefits Grant

Tara Tyson, NextEra Energy Canada communication specialist reminded the community about the \$200,000 donation to the Lambton Creative County Fund. She then announced and provided details on a new \$25,000 Community Benefits Grant available for those in the community. She discussed the application process and that those in the community could find the application and process on NextEraEnergyCanada.com.

- ❖ Question: (Joanne Moore, CLC member): Who distributes the \$200,000?
 - Answer: The Lambton County Creative County fund.

- ❖ Question: (member of community) In light of curtailments in 2017, I calculated ratepayers have been giving your company millions of dollars. So that \$25,000 sounds pretty cheap in light of the millions of dollars we gave you. Do you have anything to say about that?



Answer: The energy we are producing is part of our agreement with IESO. It was part of Ontario's goal of sun-setting coal to bring renewable energy online. Part of the energy that's not being utilized is being evaluated by IESO to see how they can make use of the energy that is not being utilized.

Contacts and Inquiries

Derek Dudek explained how to contact the project and request information. He also discussed how landowners in Plympton Wyoming have their property taxes directly by Cedar Point II, which is a different process than Warwick and Lambton Shores where landowners must pay property taxes and are then reimbursed by Cedar Point II.

- ❖ Question: (member of community) I hear turbines are assessed at \$40,000 per megawatt for taxes?
 - Answer: That is correct, plus the valuation of the acre-and-a-half around the turbine assessed at the local industrial tax rate.

- ❖ Question: (member of community) How much did you pay last year in property taxes?
 - Answer: The town will have that information. We can certainly get that information for you.
 - *The team followed-up with this request and found the following information:
 - Suncor payments \$32,962
 - NEER landowner payments \$158,312
 - NEER Plympton-Wyoming payments \$51,025
 - Total 2017 Tax Year to Date: \$242,298

- ❖ Question: I've noticed over the last year or so wind turbines buckling and blades coming off. If one came near a highway, someone's going to get killed.
 - Answer: You may be referring to the incident in Chatham-Kent. That is not our project or our turbine type. I can't comment on it directly, however blade incidents are rare. We monitor all of our turbines across the country through our Renewable Energy Command Center in Florida that monitors every one of our turbines across North America 24 hours a day, 365 days a year.

- ❖ Question: (Joe Zanyk, CLC member) You can also control turbines remotely? What happens if the controls fail in the turbine?
 - Answer: Yes. In the event of a failure, they are hydraulically controlled and will stop the turbine and pitch it away from the wind. We also have the option



of opening up breakers at the substation as well and take entire rows of turbines offline.